

## SUMMARY

### # Wires

Low voltage 2



*Image is for illustrative purpose only*

Series 2B  
Termination type Male solder  
IP rating 50  
AWG wire size 22.00 - 14.00  
Cable Ø 8.30 - 9.20 mm  
Status active  
Matching parts [EGG.2B.302.CLL](#)  
[PHG.2B.302.CLLD92](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FG\*: Straight plug, cable collet  
Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)  
Housing Material Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces  
Weight 27.75 g

### Performance

Configuration 2B.302 : 2 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 25 Amps

### Specifications

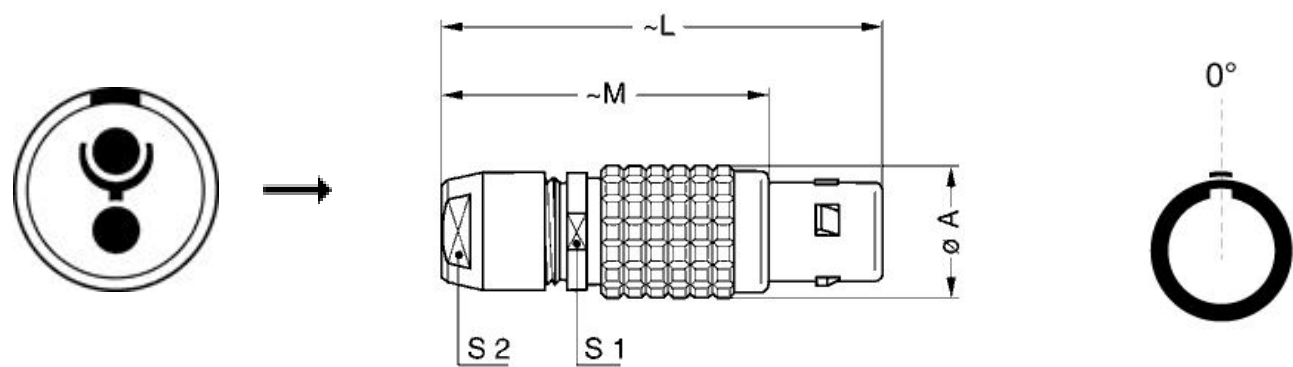
Contact Type: Solder  
Contact Dia.: 2 mm (0.079in)  
Bucket Dia.: 1.8 mm (0.071in)  
Max. Solid Conductor: 1.5 mm<sup>2</sup> (AWG 14)  
Max. Stranded Conductor: 1.5 mm<sup>2</sup> (AWG 16)  
R (max): 3.3 mOhm  
Vtest (contact-shell): 1750 V (AC), 2500 V (DC)  
Vtest (contact-contact): 2100 V (AC), 2970 V (DC)

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Others

- Endurance (Shell): 5000
- Temp (min / max): -55° C / +250° C
- Humidity (max): <=95% [at 60 deg C / 140 F]
- Vibration: 15 g [10 Hz - 2000 Hz]
- Shock Resistance: 100 g [ 6 ms]
- Climatical Category: 50/175/21
- Shielding (min): 75 dB (10 MHz)
- Shielding (min): 40 dB (1 GHz)
- Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

|     | A    | L    | M    | S1   | S2   |
|-----|------|------|------|------|------|
| mm. | 15   | 50   | 38   | 13   | 12   |
| in. | 0,59 | 1,97 | 1,50 | 0,51 | 0,47 |

RECOMMENDED BY LEMO

Tools

- Spanner wrench: [DCD.2B.025.PA120](#)
- Caps: [BFG.2B.100.PCSG](#)

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